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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/631,057

07/31/2003

Hung The Dinh

AUS920030436US1

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10/03/2005

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EXAMINER

TRAN, QUOC A

ART UNIT

PAPER NUMBER

2176

DATE MAILED: 10/03/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/631,057

Applicant(s)

DINH ET AL.

Examiner

Quoc A. Tran

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 31 July 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-33 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-33 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 07/31/03.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

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DETAILED ACTION

1. This action is responsive to communication: filed 07/31/2003.
2. Claims 1-33 are currently pending in this application. Claims 1, 7, 12, 18, 23 and 29 are independent claims.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. **Claims 1-33** are rejected under 35 U.S.C. 103(a) as being unpatentable by Kirani et al.

US 20020032027A1 – filed 01/11/2001(hereinafter Kirani '027).

In regard to independent claim 1, receiving a data stream comprising an image group identifier identifying a plurality of images; and retrieving the images, from the data processing system, (Kirani '027 at page 23 paragraphs [0230]-[0232, discloses a media spooler system, wherein the media spooler under control of the media manager for receiving and retrieving media object (e.g. digital image file) which associated with a Globally Unique Identifier (GUID) such as, part number, part size, and format (e.g., PPF format);

Kirani '027 does not explicitly teach, **in response to receiving the image group identifier,** however (Kirani '027 at page 23 paragraphs [0230]-[0237], also see Fig. 11A-C, discloses a method and apparatus for distributing binary presentations within media content files, wherein the media spooler issues a request to the servers manager, inquiring about what pieces

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the server infrastructure currently has for this particular user--that is, what pieces have already been uploaded, which is identified by GUID and by part numbers--currently reside at the server infrastructure. Now, the media manager passes the two lists:

List one is indicating what parts--identified by GUID and by part numbers--currently reside at the server infrastructure;

List two is data structure of the server infrastructure's list may be the same as, or similar to, the capturing device's media acquisition list. However, the server infrastructure returns to the spooler information indicating the subset of data that the server does not have and thus should be extracted from the device.

Now, the media manager passes the two lists to the synchronization manager. In turn, the synchronization manager may determine exactly what parts reside on the capturing device that still need to be retrieved, such as, retrieved: GUID #2, Part #2 and GUID #4, Part #3 (i.e., "chunks"), and the media manager may then pull the completed parts from the cache module and then pass them to the servers manager for delivery to the server infrastructure (e.g. host computer), also the part data itself is transferred as a blob object);

Examiner read the above in the broadest reasonable interpretation to the claim limitation, wherein in response to receiving the image group identifier would have been an obvious variant of processing of the media manager passes the two lists to the synchronization manager, and determine exactly what parts reside on the capturing device that still need to be retrieved, such as, retrieved: GUID #2, Part #2 and GUID #4, Part #3 (i.e., "chunks" identifier), and the media manager may then pull the completed parts from the cache module and then pass them to the

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servers manager for delivery to the server infrastructure (e.g. host computer), to a person of ordinary skill in the art at the time the invention was made.

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified teaching of Kirani '027, discloses the method of receiving a data stream comprising an image group identifier identifying a plurality of images; and retrieving the images, from the data processing system, to include a means of retrieving the images, from the data processing system, in response to receiving the image group identifier of Kirani '027. One of the ordinary skills in the art would have been motivated to perform such a modification to provide the advantage of allowing a system to resume transmission where transmission was left off at, without retransmitting pieces that have already been successfully transmitted. Additionally, this has the benefit of adopting a different packet format, thereby decreasing the high overhead incurred with using TCP/IP packet format (as taught by Kirani '027 at page 2 paragraph [0016]).

In regard to independent claims 7, 12, 18, 23 and 29 incorporate substantially similar subject matter as cited in claim 1 above, and in further view of the following, and is similarly rejected along the same rationale, **server...client...storing images on a server...recorded on the recording medium...** (Kirani '027 at the Abstract, discloses client server system, also Kirani '027 at page 20 paragraph [237], discloses the Remote Procedure Calls Command Description Query Stored Photos Query the database on the server for a list of photos currently stored for a camera and/or user account; also Kirani '027 at page 5 paragraph [0077], discloses those skilled in the art will appreciate that the present invention may be embodied using other media capturing/recording/processing devices, including, for instance,

digital audio recorders, video phones, closed-circuit cameras, video camcorders, or other devices capable of capturing, recording, and/or processing digital images, audio, and/or video and not limitation).

In regard to dependent claim 2 incorporate substantially similar subject matter as cited in claim 7 above, and is similarly rejected along the same rationale.

In regard to dependent claim 3, incorporate substantially similar subject matter as cited in claim 7 above, and in further view of the following, and is similarly rejected along the same rationale, ... **markup in the data stream** ... (Kirani '027 at page 20 paragraph [0202], discloses the xml component in the client server infrastructure) Examiner read the above in the broadest reasonable interpretation to the claim limitation, wherein a markup element that represents an instruction would have been an obvious variant of xml component in the client server infrastructure, to a person of ordinary skill in the art at the time the invention was made.

In regard to dependent claim 4, incorporate substantially similar subject matter as cited in claim 7 above, and in further view of the following, and is similarly rejected along the same rationale, **the data stream comprises a markup element that represents an instruction to retrieve** (Kirani '027 at page 20 paragraph [0202], discloses the xml component in the client server infrastructure) Examiner read the above in the broadest reasonable interpretation to the claim limitation, wherein a markup element that represents an instruction would have been an obvious variant of xml component in the client server infrastructure, to a person of ordinary skill in the art at the time the invention was made.

In regard to dependent claim 8, incorporate substantially similar subject matter as cited in claim 7 above, and in further view of the following, and is similarly rejected along the same

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rationale, ... **BLOB...** (Kirani '027 at page 18 paragraph [0178], discloses the image information is simply organized into a single blob (binary large object).

In regard to dependent claim 9, incorporate substantially similar subject matter as cited in claim 7 above, and in further view of the following, and is similarly rejected along the same rationale, ... **storing a pathname for each file...** (Kirani '027 at page 17, paragraph [0173], discloses the file format stores housekeeping information about the layers, using a layer directory. Each layer itself is stored, in a preferred embodiment, as a separate record, such as a separate physical file in a flash file system. The layer directory includes an entry for each layer record; the entry includes the name of the accompanying a physical file (text string) and length of the file (numeric value). Each record, such as record 630, includes a record header (e.g., record header 631) for storing housekeeping information about that particular record) Examiner read the above in the broadest reasonable interpretation to the claim limitation, wherein a pathname would have been an obvious variant of directory includes an entry for each layer record; the entry includes the name of the accompanying a physical file (text string) and length of the file (numeric value), to a person of ordinary skill in the art at the time the invention was made.

In regard to dependent claims 5, 6, 10, 13, 16, 20 and 21, incorporate substantially similar subject matter as cited in claim 7 above, and are similarly rejected along the same rationale.

In regard to dependent claim 11, incorporate substantially similar subject matter as cited in claim 4 above, and is similarly rejected along the same rationale.

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In regard to dependent claims 14, 15, 17 and 22, incorporate substantially similar subject matter as cited in claims 4 and 7 above, and are similarly rejected along the same rationale.

In regard to dependent claim 19, incorporate substantially similar subject matter as cited in claim 8 above, and is similarly rejected along the same rationale.

In regard to dependent claims 24, 25, 26, 27, 28 and 33, incorporate substantially similar subject matter as cited in claims 4, 7 and 23 above, and are similarly rejected along the same rationale.

In regard to dependent claim 30, incorporate substantially similar subject matter as cited in claim 8 above, and is similarly rejected along the same rationale.

In regard to dependent claim 31, incorporate substantially similar subject matter as cited in claim 9 above, and is similarly rejected along the same rationale.

In regard to dependent claim 32, incorporate substantially similar subject matter as cited in claim 23 above, and is similarly rejected along the same rationale.

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Rajan et al.

US 20040148308A1

Filed 01/29/2003

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Quoc A. Tran whose telephone number is (571) 272-4103.

The examiner can normally be reached on Monday through Friday from 9 AM to 5 PM EST.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Herndon R. Heather can be reached on (571) -272-4136. The fax phone number for the organization where this application or proceeding is assigned is (571)-273-8300

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Quoc A, Tran

Patent Examiner

Technology Center 2176

September 28, 2005

William L. Bashore
WILLIAM BASHORE
PRIMARY EXAMINER
9/29/2005